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Serial No.: 10/002,557 Inventor: RAMACHANDRAN, et al. Docket No.: COM-002.4D Title: PROCESS IN A USAGE BASED LICENSING SERVER TO CONVERT METRIC DATA IN DATA

STRUCTURE TO CSU DATA

1/28

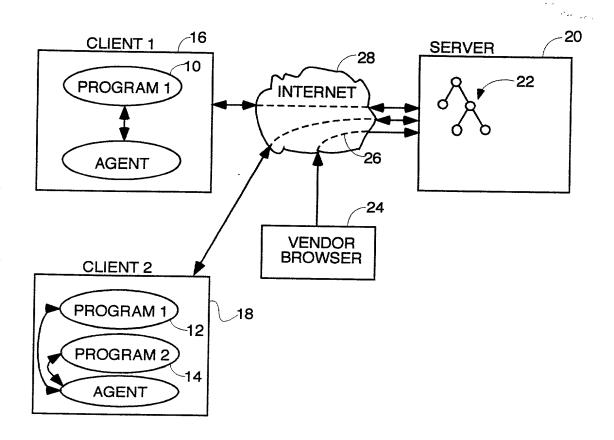


FIG. 1

Serial No.: 10/002,557 Inventor: RAMACHANDRAN, et al. Docket No.: COM-002.4D
Title: PROCESS IN A USAGE BASED LICENSING SERVER TO CONVERT METRIC DATA IN DATA
STRUCTURE TO CSU DATA

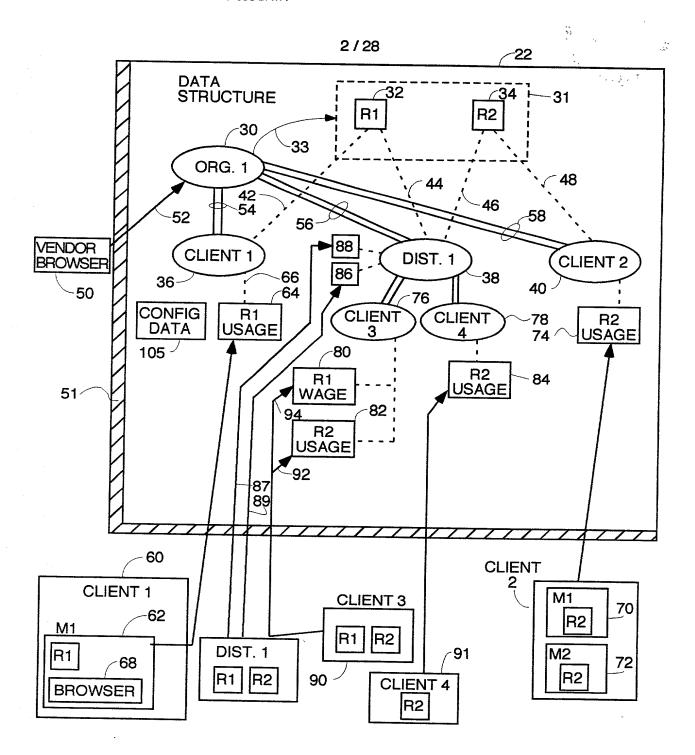


FIG. 2

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Serial No.: 10/002,557 Inventor: RAMACHANDRAN, et al. Docket No.: COM-002.4D

Title: PROCESS IN A USAGE BASED LICENSING SERVER TO CONVERT METRIC DATA IN DATA

STRUCTURE TO CSU DATA

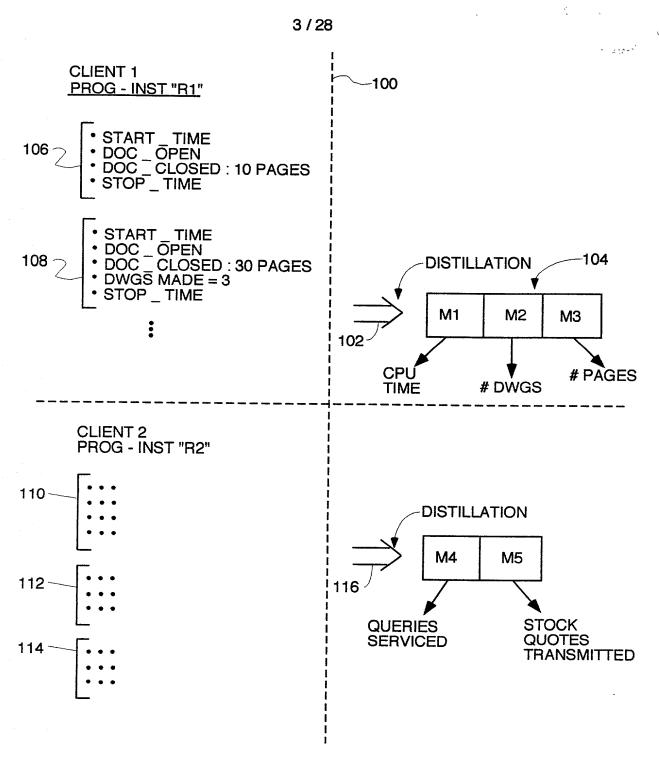
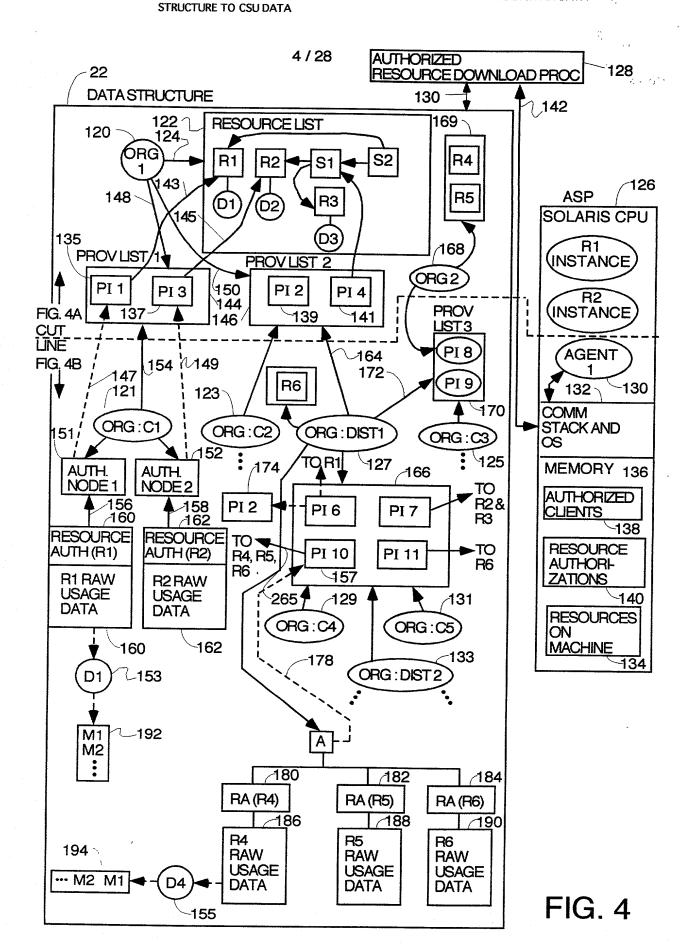


FIG. 3

Serial No.: 10/002,557 Inventor: RAMACHANDRAN, et al. Docket No.: COM-002.4D Title: PROCESS IN A USAGE BASED LICENSING SERVER TO CONVERT METRIC DATA IN DATA



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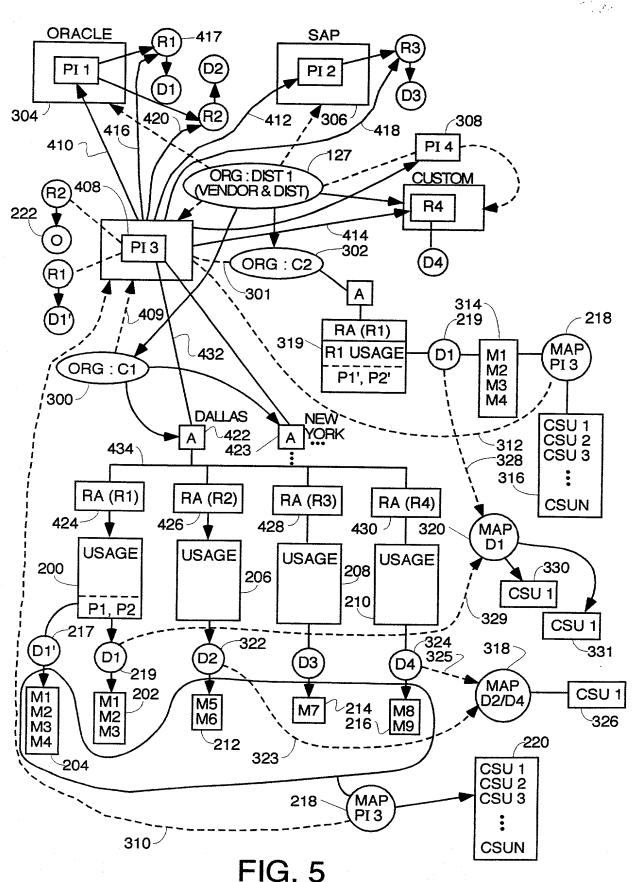
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Docket No.: COM-002.4D

STRUCTURE TO CSU DATA

5/28



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inventor: RAMACHANDRAN, et al.

Docket No.: COM-002.4D PROCESS IN A USAGE BASED LICENSING SERVER TO CONVERT METRIC DATA IN DATA

STRUCTURE TO CSU DATA

6/28

OVERALL PROCESS TO DISTILL RAW USAGE DATA TO METRIC DATA BY A PROGRAMMABLE MAPPING

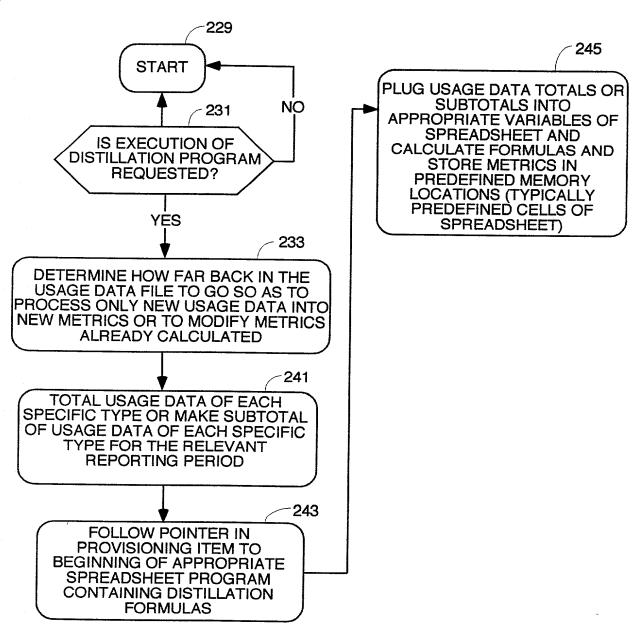


FIG. 6A

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STRUCTURE TO CSU DATA

7/28 OVERALL PROCESS TO DISTILL RAW USAGE DATA TO METRIC DATA BY A PROGRAMMABLE MAPPING USING A PROGRAMMABLE DISTILLATION PGM

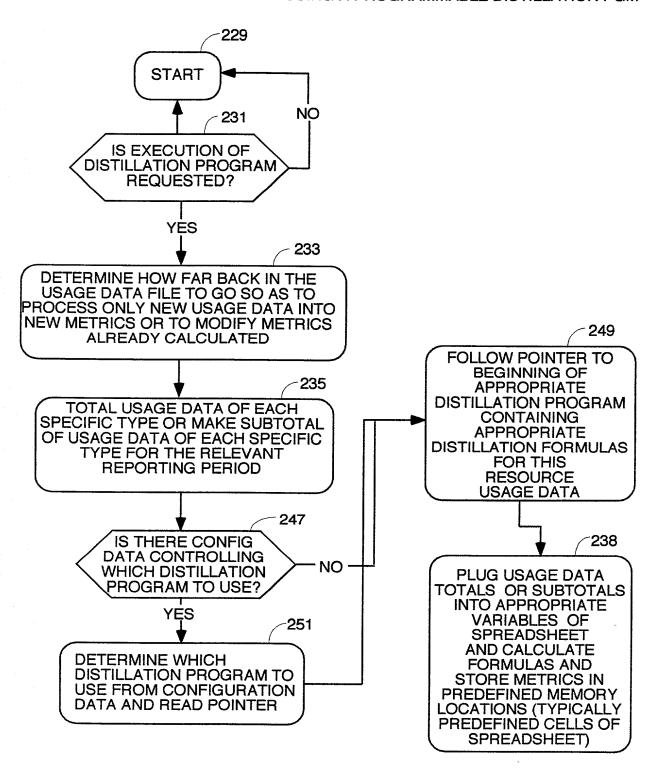


FIG. 6B

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Serial No.: 10/002,557 Inventor: RAMACHANDRAN, et al. Docket No.: COM-002.4D Title: PROCESS IN A USAGE BASED LICENSING SERVER TO CONVERT METRIC DATA IN DATA

20

STRUCTURE TO CSU DATA

8/28

PROCESS TO PROGRAMMABLY DISTILL RAW USAGE DATA TO METRICS AND PROGRAMMABLY DISTILL THE METRICS INTO CENTRAL SERVICE UNITS OF THE CUSTOMER'S DESIGN

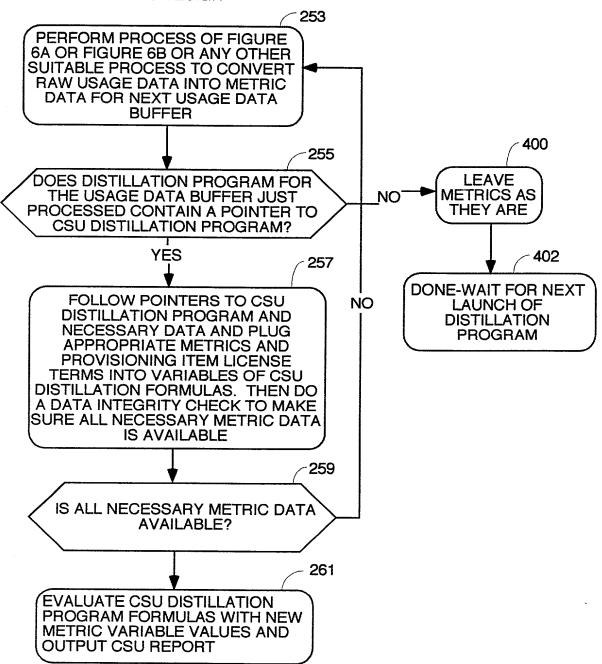


FIG. 7

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Serial No.: 10/002,557 Inventor: RAMACHANDRAN, et al. Docket No.: COM-002.4D Title: PROCESS IN A USAGE BASED LICENSING SERVER TO CONVERT METRIC DATA IN DATA

STRUCTURE TO CSU DATA

9/28

OVERALL PROCESS TO COLLECT RAW USAGE DATA IN A CENTRAL SERVER AND USE IT TO PREPARE METRICS AND PREPARE INVOICES OR REPORTS THEREFROM

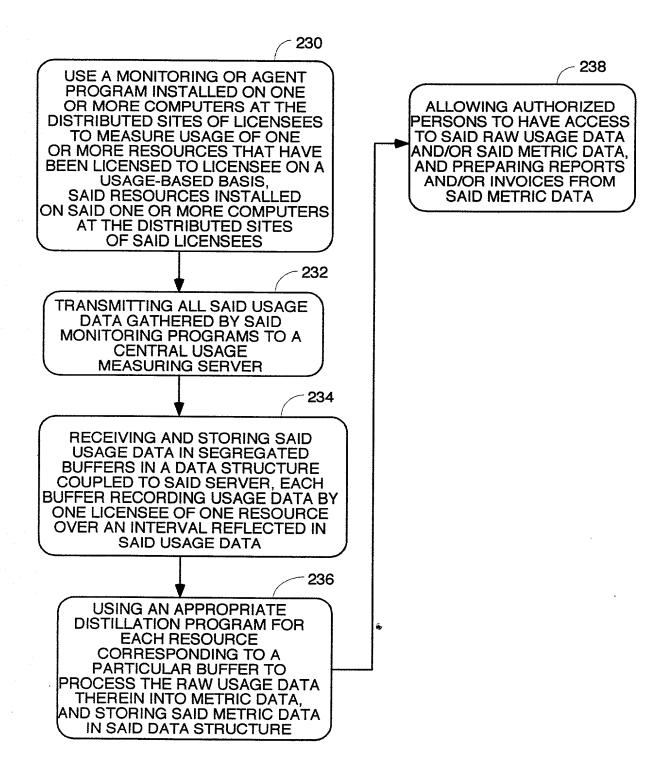


FIG. 8

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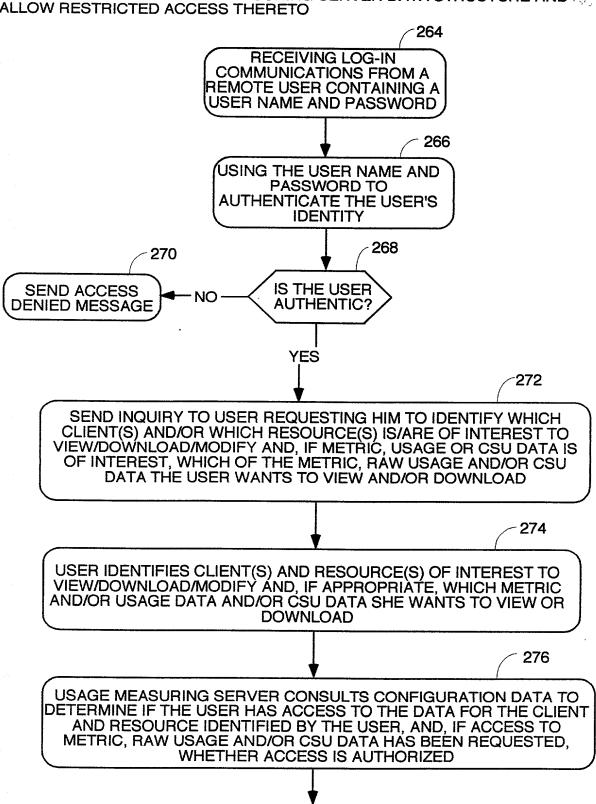
Docket No.: COM-002.4D

STRUCTURE TO CSU DATA

PROCESS IN A USAGE BASED LICENSING SERVER TO CONVERT METRIC DATA IN DATA

10/28

PROCESS TO BUILD USAGE MEASURING SERVER DATA STRUCTURE AND ALLOW RESTRICTED ACCESS THERETO



TO FIG. 9B

FIG. 9A

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Serial No.: 10/002,557 Inventor: RAMACHANDRAN, et al. Docket No.: COM-002.4D Title: PROCESS IN A USAGE BASED LICENSING SERVER TO CONVERT METRIC DATA IN DATA

STRUCTURE TO CSU DATA



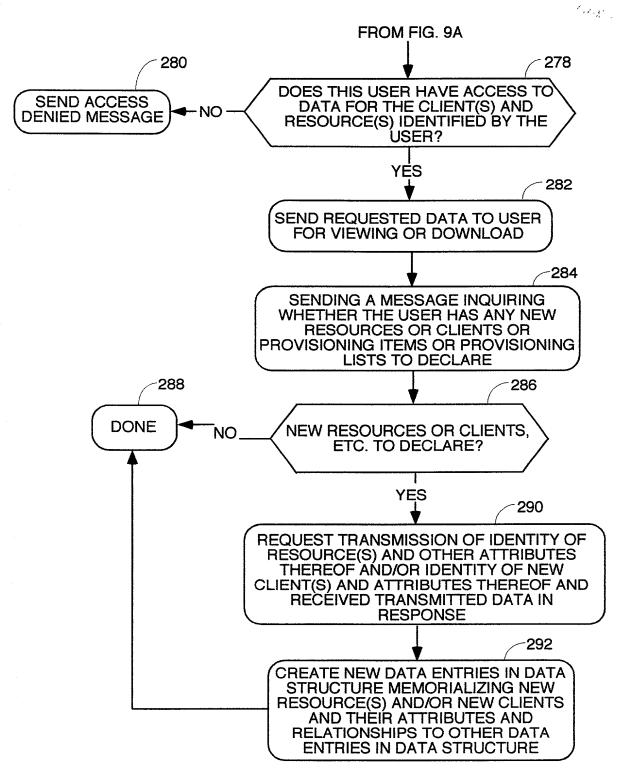
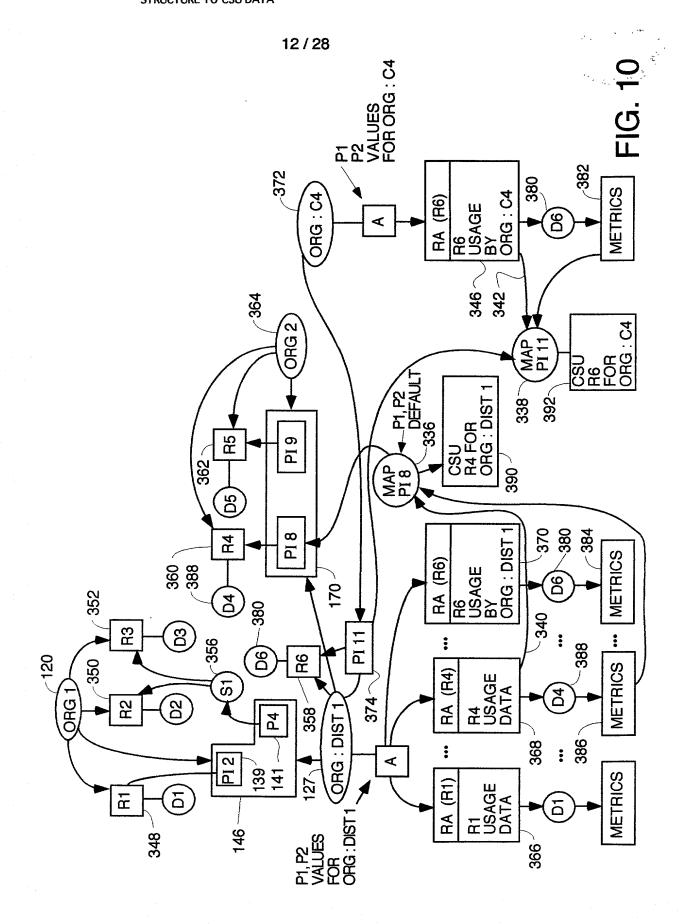


FIG. 9B

Serial No.: 10/002,557 Inventor: RAMACHANDRAN, et al. Docket No.: COM-002.4D
Title: PROCESS IN A USAGE BASED LICENSING SERVER TO CONVERT METRIC DATA IN DATA
STRUCTURE TO CSU DATA



Serial No.: 10/002,557 Inventor: RAMACHANDRAN, et al. Docket No.: COM-002.4D Title: PROCESS IN A USAGE BASED LICENSING SERVER TO CONVERT METRIC DATA IN DATA

STRUCTURE TO CSU DATA

13 / 28

ALTERNATIVE PROCESS TO PROGRAMMABLY DISTILL RAW USAGE DATA TO METRICS AND PROGRAMMABLY DISTILL THE METRICS INTO CENTRAL SERVICE UNITS USING A CSU DISTILLATION PROGRAM LINKED TO PROVISIONING ITEM DETAILING LICENSE TERMS

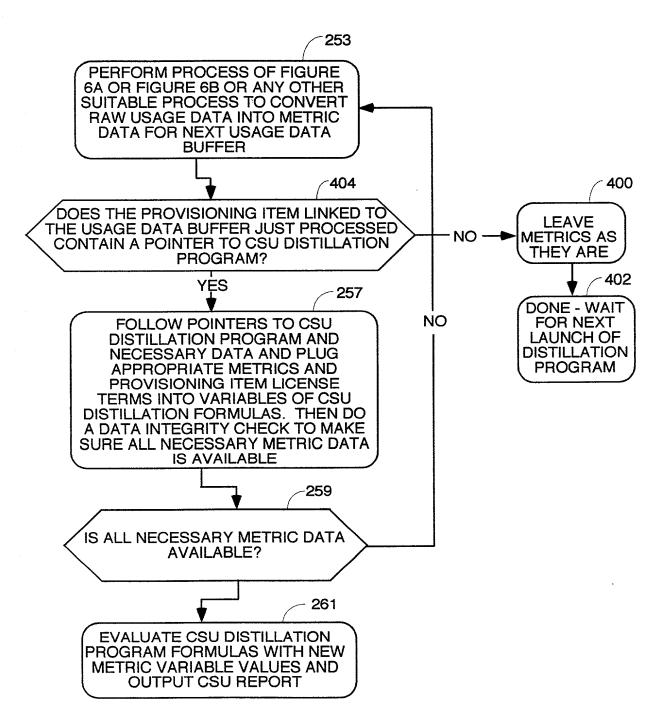


FIG. 11

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Serial No.: 10/002,557 Inventor: RAMACHANDRAN, et al. Docket No.: COM-002.4D Title: PROCESS IN A USAGE BASED LICENSING SERVER TO CONVERT METRIC DATA IN DATA

STRUCTURE TO CSU DATA

14/28

ALTERNATIVE PROCESS TO PROGRAMMABLY DISTILL RAW USAGE DATA TO METRICS AND PROGRAMMABLY DISTILL THE METRICS INTO CENTRAL SERVICE UNITS USING A CSU DISTILLATION PROGRAM LINKED TO THE USAGE DATA BUFFER OF EACH CLIENT THAT WANTS CSU BASED REPORTS

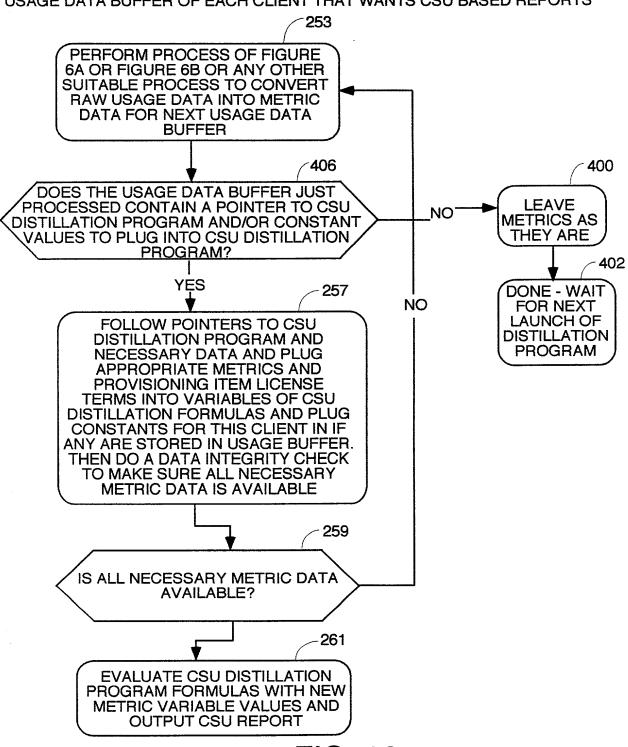


FIG. 12

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Serial No.: 10/002,557 Inventor: RAMACHANDRAN, et al. Docket No.: COM-002.4D Title: PROCESS IN A USAGE BASED LICENSING SERVER TO CONVERT METRIC DATA IN DATA

STRUCTURE TO CSU DATA

15 / 28

PROCESS TO CREATE DATA STRUCTURE TO SUPPORT SUITE LICENSING AND TO USE THE DATA STRUCTURE TO IMPLEMENT SUITE LICENSING

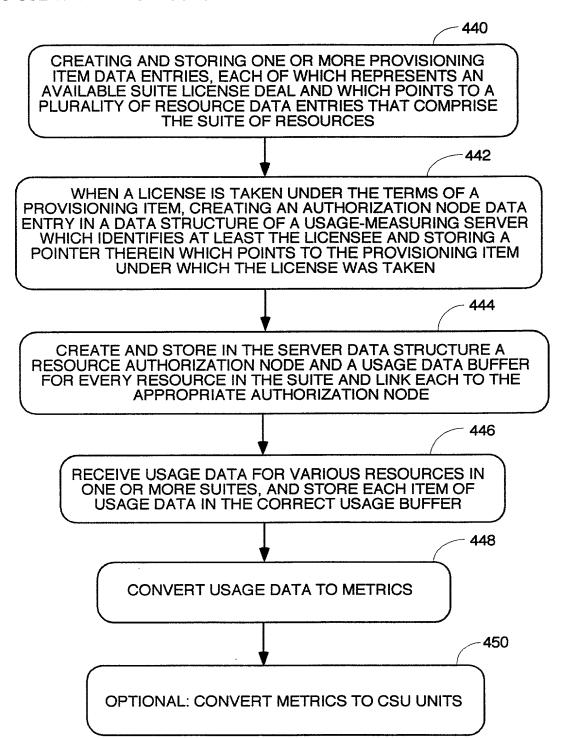


FIG. 13

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Serial No.: 10/002,557 Inventor: RAMACHANDRAN, et al. Docket No.: COM-002.4D Title: PROCESS IN A USAGE BASED LICENSING SERVER TO CONVERT METRIC DATA IN DATA

STRUCTURE TO CSU DATA

16/28

ONE STOP SHOPPING PROCESS TO DETERMINE ALL AVAILABLE LICENSE DEALS ON A PARTICULAR RESOURCE

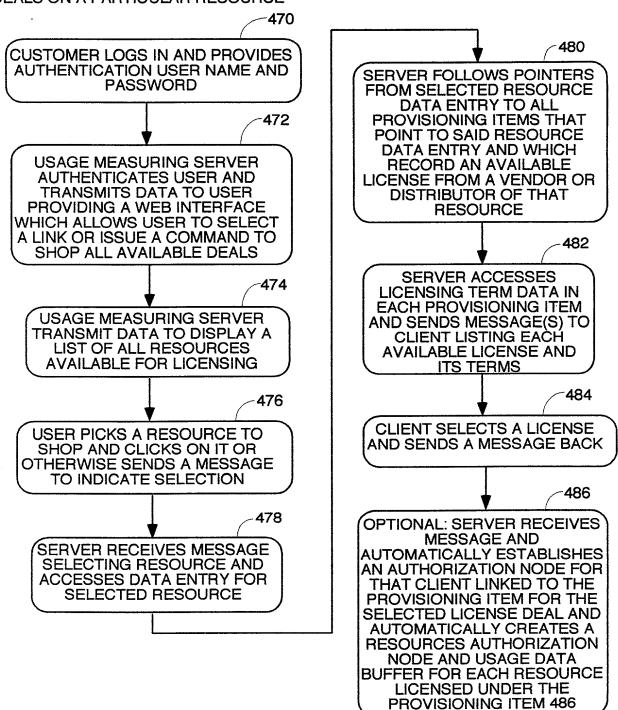


FIG. 14

Serial No.: 10/002,557 Inventor: RAMACHANDRAN, et al. Docket No.: COM-002.4D

Title: PROCESS IN A USAGE BASED LICENSING SERVER TO CONVERT METRIC DATA IN DATA STRUCTURE TO CSU DATA

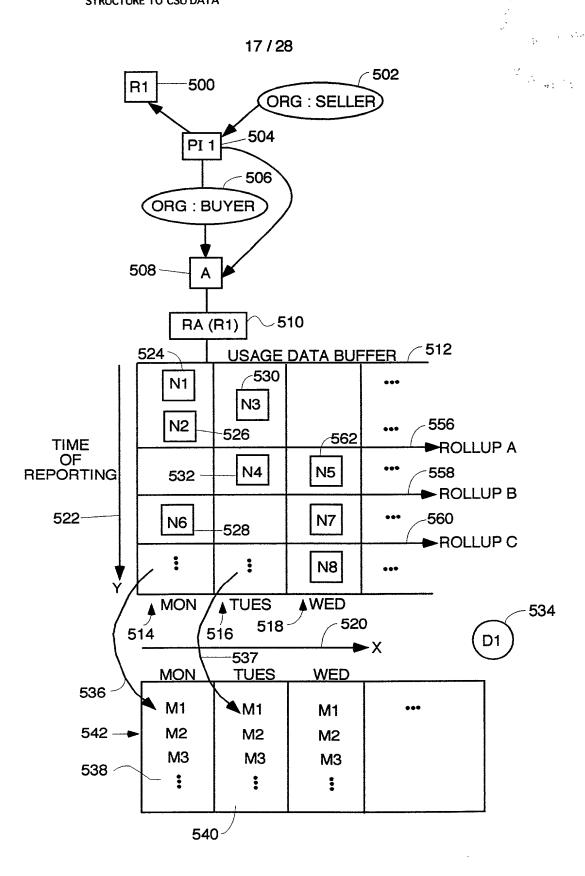


FIG. 15

And the

Serial No.: 10/002,557 Inventor: RAMACHANDRAN, et al. Docket No.: COM-002.4D Title: PROCESS IN A USAGE BASED LICENSING SERVER TO CONVERT METRIC DATA IN DATA

STRUCTURE TO CSU DATA

18 / 28

PROCESS TO COLLECT USAGE DATA, PARTITION IT INTO TIME SEGMENTS AND GENERATE METRICS THEREFROM

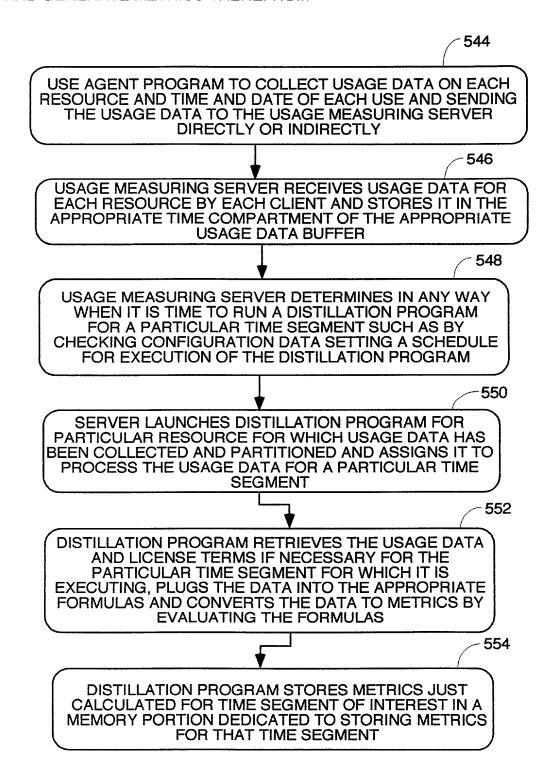


FIG. 16

Docket No.: COM-002.4D PROCESS IN A USAGE BASED LICENSING SERVER TO CONVERT METRIC DATA IN DATA

STRUCTURE TO CSU DATA

19/28

ROLLUP A ID 39

•	MON	TUES	WED	
M1= CPU	10	1	0	Ī
M2= DOCS	500	50	0	Ī
M3= #PGS	759	71	0	Ţ
	:	•	•	

ALTERNATIVE ROLLUP B ID 40

MON	TUES	WED	
0	3	2	
0	70	40	
0	139	96	

FIG. 17

FIG. 18

PREFERRED ROLLUP B ID 50

MON	TUES	WED	
10	4	2	,
500	120	40	
759	210	96	

ALTERNATIVE ROLLUP B ID 40

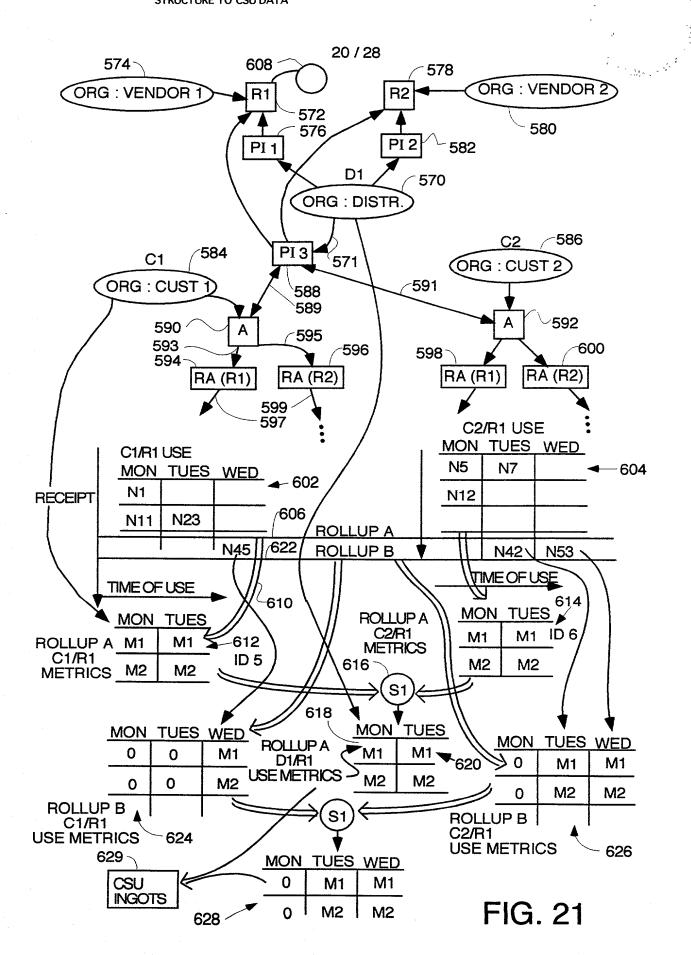
MON	TUES	WED	
0	4	2	
0	120	40	
0	210	96	
-			

FIG. 19

FIG. 20

M

Serial No.: 10/002,557 Inventor: RAMACHANDRAN, et al. Docket No.: COM-002.4D
Title: PROCESS IN A USAGE BASED LICENSING SERVER TO CONVERT METRIC DATA IN DATA
STRUCTURE TO CSU DATA



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Serial No.: 10/002,557 Inventor: RAMACHANDRAN, et al.

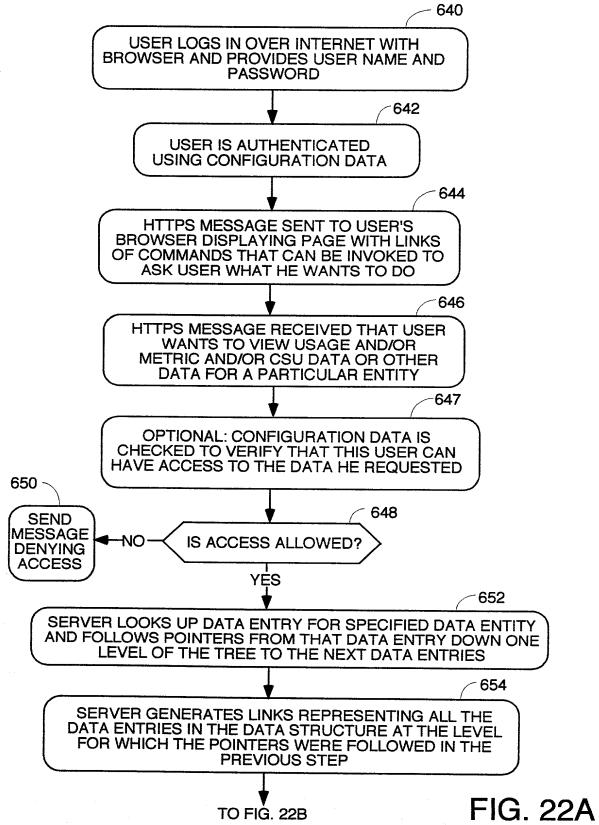
Docket No.: COM-002.4D

PROCESS IN A USAGE BASED LICENSING SERVER TO CONVERT METRIC DATA IN DATA

STRUCTURE TO CSU DATA

21 / 28

PROCESS FOR ONE PROTOCOL ACCESS TO USAGE/METRIC/CSU DATA (4) FOR ALL LICENSEES OF A LICENSOR FROM A USAGE MEASURING SERVER



Serial No.: 10/002,557 Inventor: RAMACHANDRAN, et al. Docket No.: COM-002.4D Title: PROCESS IN A USAGE BASED LICENSING SERVER TO CONVERT METRIC DATA IN DATA

STRUCTURE TO CSU DATA

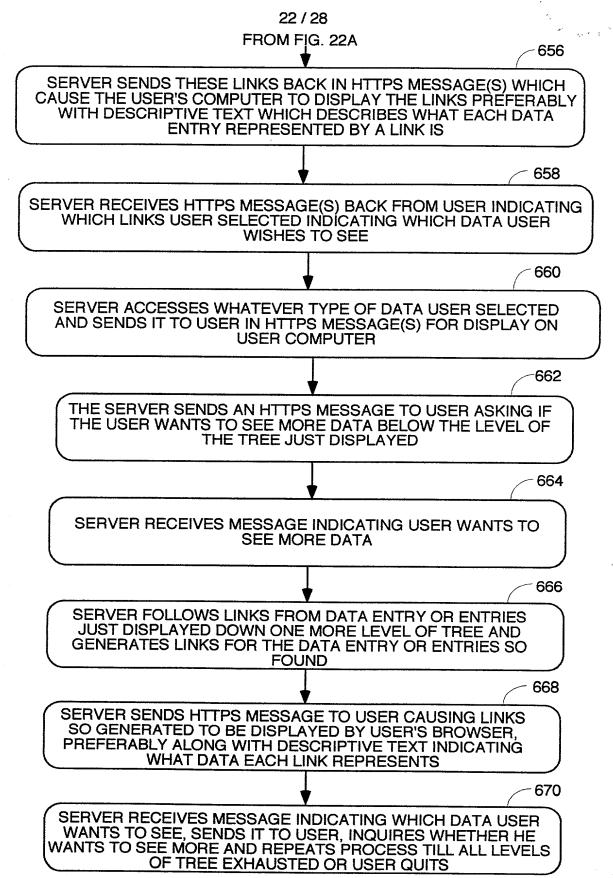


FIG. 22B

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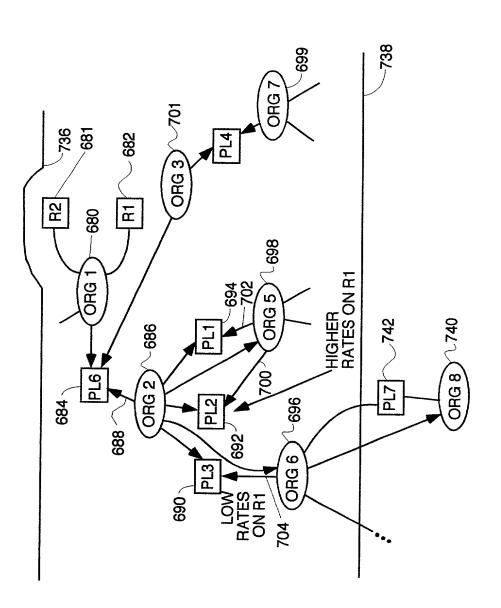
Serial No.: 10/002,557 Inventor: RAMACHANDRAN, et al.

Docket No.: COM-002.4D

PROCESS IN A USAGE BASED LICENSING SERVER TO CONVERT METRIC DATA IN DATA

STRUCTURE TO CSU DATA

23 / 28



SECURITY BARRIERS FIG. 23

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Serial No.: 10/002,557 Inventor: RAMACHANDRAN, et al. Docket No.: COM-002.4D Title: PROCESS IN A USAGE BASED LICENSING SERVER TO CONVERT METRIC DATA IN DATA

STRUCTURE TO CSU DATA

24/28

A PROCESS TO IMPLEMENT SECURITY BARRIERS TO PREVENT USERS FROM VIEWING DATA IN A USAGE MEASURING SERVER DATA STRUCTURE THAT THE USER NOT AUTHORIZED TO VIEW

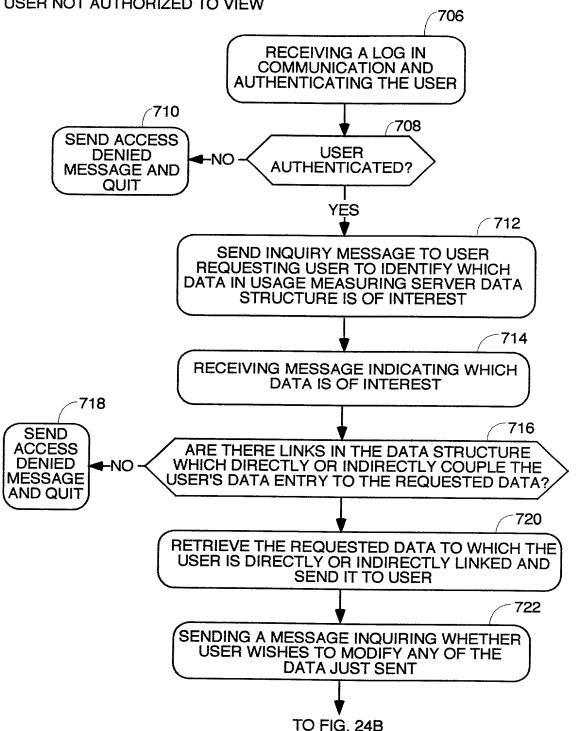


FIG. 24A

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Docket No.: COM-002.4D

STRUCTURE TO CSU DATA

25 / 28

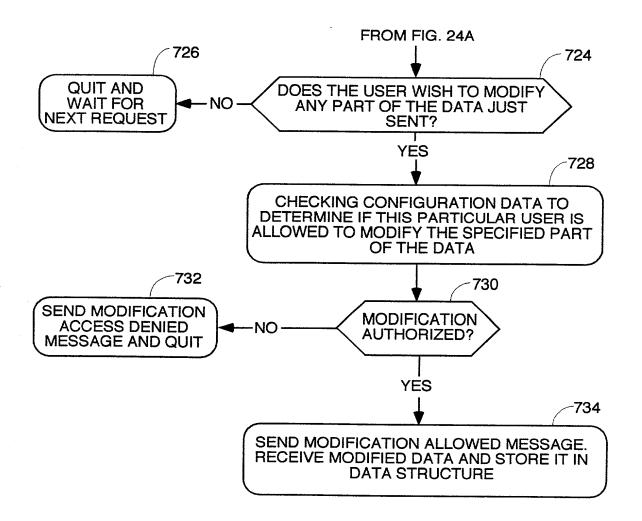


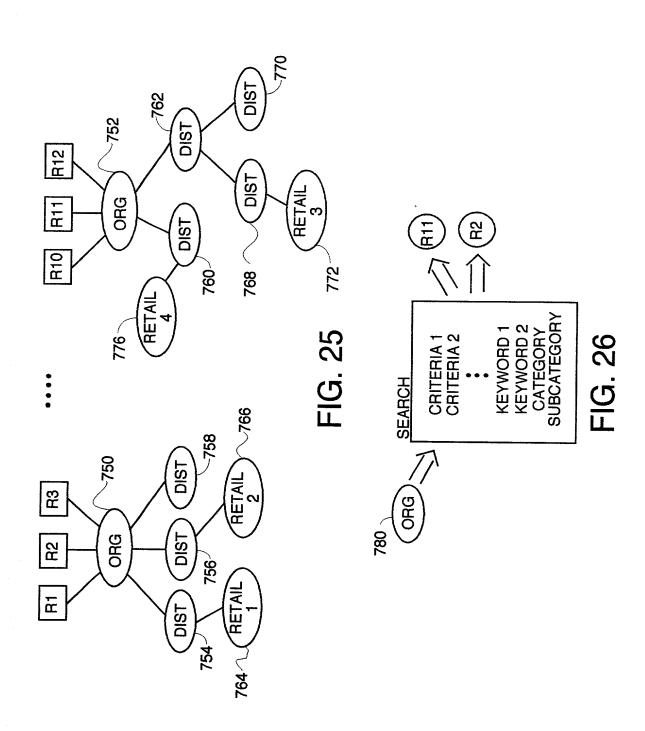
FIG. 24B

Docket No.: COM-002.4D

PROCESS IN A USAGE BASED LICENSING SERVER TO CONVERT METRIC DATA IN DATA

STRUCTURE TO CSU DATA

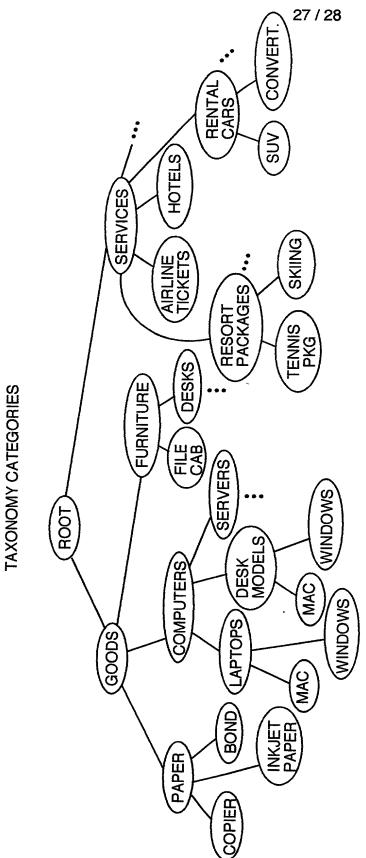
26 / 28



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Docket No.: COM-002.4D

STRUCTURE TO CSU DATA



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Docket No.: COM-002.4D

STRUCTURE TO CSU DATA

28 / 28

SERVER PROCESSINGTO IMPLEMENT ONE-STOP SHOPPING SEARCHING OF THE DATA STRUCTURE BASED UPON USER-DEFINED CRITERIA

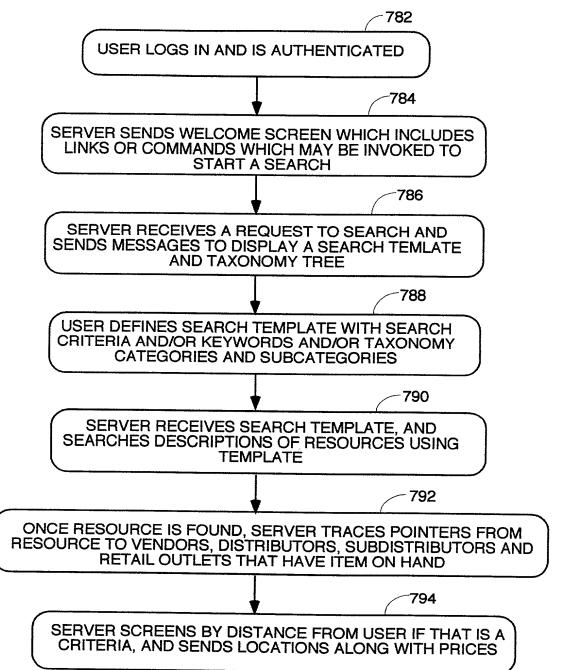


FIG.28